

### **Abstract**

Computer-implemented electronic document design systems and methods allowing a user to integrate user-specific location maps into custom printed products. During the creation of an electronic design of a product intended for subsequent printing, user-provided location information is received by a server computer and used to generate a user map suitable for high quality printing. Lower resolution display and thumbnail versions of the map suitable for displaying to the user of the client system are generated. The display version is sent to the client system for review and editing by the user. The user map, the display map, and the thumbnail are stored at the server for possible future use. The maps are created and stored with the same height to width ratio as the map area in the electronic product design into which the map will be placed. The user is provided with a cropping tool to allow the user to select the portion of the map to be incorporated into the electronic product design.